Responsible Business Report 2024

DALRADIAN



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Our Vision

We aim to build a modern mine that draws on Tyrone's heritage of engineering and manufacturing excellence to drive economic growth and community development in the local area and beyond.

About Dalradian

In addition to precious metals, Dalradian has also been actively exploring throughout our licence area for base metals, rare earths and other critical minerals. Dalradian are controlled by US-based Orion Resource Partners, a global alternative investment firm dedicated to metals and materials. Orion has been accepted as a signatory to the UN's Principles for Responsible Investment (PRI), in line with their assimilation of sustainability-driven considerations into their investment practices.





Dalradian's proposed gold-silvercopper mine is one of the largest-ever US investments in Northern Ireland. Over 15 years of working in West Tyrone, we have advanced our regionally significant project to the final stages of planning, with the aim of becoming one of the world's top underground mines utilising the best available technology for modern mining.



About this report

Dalradian's 2024 Responsible Business Report explains our business, strategy, activities and performance in a number of areas, including environmental, social and corporate governance for the period January 2024 to December 2024.

The report includes key metrics and case studies that illustrate Dalradian's long-term, responsible approach to modern mining.

SUSTAINABLE GALS

In 2015, the United Nations laid out 17 Sustainable Development Goals (SDGs) to promote peace and prosperity for people and the planet now and into the future. We incorporated the UN SDGs into our reporting in 2022, to make it easier to see how our current activities contribute, and our future mine will contribute, to building a sustainable future. As detailed in this report, Dalradian did contribute in 2024 and/or will be contributing through the proposed mine to 12 out of the 17 UN SDGs (shown in bold colour).







\$400+ million total US investment to date



Total of **200+** employed to date



62

540+ suppliers in Northern Ireland have contributed to the project to date



more than **650 community** groups (2011-2024)



6th year in a row certified Carbon Neutral Plus



£4m minimum committed to future community projects



1,000 jobs to be created with a **£15m training** budget to maximise local employment



0 environmental noncompliance in 2024



£1 billion planned expenditure on supply chain



300 future jobs in construction



Investors in People Gold accreditation



Patrick F.N. Anderson Chief Executive Officer

"Hundreds of local businesses will be part of the £1 billion local supply chain over the 20-plus years the mine is operating."



CEO Foreword

How do you measure the value of our project?

That depends on your vantage point from the nearest neighbours to job seekers, business owners, community groups, students, educators, investors, local councillors, government officials in Belfast or London, our staff and suppliers and investors - all of us have some stake in the project and a perception of its value.

Those closest to the project will be the most affected by it and we recognise that it needs to be a net positive. Clearly, more than 300 households with family members working for the mine will benefit from good jobs, with above average paychecks and ongoing career development. Another 600-plus households will benefit from new jobs created to support the mine and from increased spending in the local towns. Hundreds of local businesses will be part of the £1 billion local supply chain over the 20-plus years the mine is operating. There will be a noticeable change in the energy of local towns, as young people and families choose to stay in the area instead of looking for opportunities

overseas. Beyond that, we are looking to leave a positive legacy of community development by expanding our funding of community development projects following approval of the project. This will have a positive effect on infrastructure, culture, health, education and sport for the benefit of all local residents.

The value of the project to the Northern Ireland economy is over £7 billion at today's commodity prices. Our modern mine will be one of the largest-ever US investments in Northern Ireland. Taxes and other payments to Treasury will exceed £2 Billion over the life of mine, making the project one of the top corporate contributors within a stronger Northern Ireland that is proudly paying its own way. And, unlike businesses that are based solely on human capital and are therefore easily shifted from one jurisdiction to another, our project and the value that flows from it is tied to the land and will remain in the area.

Governments globally are focusing on supply chains for industry and defense – looking out 5 years or more to how government goals such as economic growth and net zero commitments will be met. Some, like the US and the EU, are taking strong actions to

increase investment and reduce permitting time. Others are still asking questions and publishing strategies. What raw materials are needed, including minerals? Where do they currently come from and how can that be shifted to produce more in-country or through friendly nations? Our project will be a source of critical raw materials needed for industry and to reach net zero targets. With productivity double that of the most productive sector in Northern Ireland, the mine will increase NI's productivity as well as boost the number of good jobs and help to rebalance the economy beyond the Belfast region. Our proposed centres of excellence environment and engineering will contribute higher education and business developmer in these key areas.

We want the project to be successful over the long term, building on the foundation laid by mining projects like Tara and Lisheer to the south of us, which have been woven into the fabric of the local area. That's why our modern mine has been designed responsibly, using best practices that are protective of the environment. The project will improve water quality in the local area and increase biodiversity. Above and beyond 0

	that, the community fund will participate in environmental projects, such as the pearl mussel project that we already completed in partnership with a local community
t	development association. We remain committed to working with any group or
Ð	individual who want to have a constructive conversation on improving the environment we all live and work in. This will protect the value of the project for all stakeholders, not just Dalradian.
is o t in e to nt	Unfortunately, delivery of this value has been delayed by a planning process that is quite different in practice from what is laid out in legislation. This is not a problem unique to Dalradian, as has been detailed in numerous third-party reports. We did make some progress in 2024, however, and continue to do everything in our power to move toward a planning decision on our project. Until then, the value remains locked beneath our feet



Brian Kelly Managing Director

"The Curraghinalt project has the potential to be truly transformative."

MD Foreword

Throughout 2024 our focus was, and remains, on completing the planning process on our application to build a worldclass underground mine in Tyrone while continuing to uphold our responsibilities to the environment, local communities, and good governance.

Our project, which focuses on the extraction of gold, silver, and copper has been making its way through the Northern Ireland planning system for the last seven years.

In January, we began a long-awaited public inquiry hearing. However, after three days in, the hearing was suspended due to administrative errors by the Department of Infrastructure. We are hopeful we will have a new schedule for the hearing soon.

This year, we've also seen some important developments that set the tone for where Northern Ireland is heading-most notably, the release of the new Programme for Government. It's encouraging to see a strong

focus on sustainable growth, community well-being, and responsible resource use. At Dalradian, we see those priorities reflected in our own approach and can contribute to that bigger picture.

The UK Government has identified 'growth' as its leading priority. Over its 20-25 year life span the project will add £7 billion to Northern Ireland's economy. The mine, located west of the Bann, would be one of the largest ever American foreign direct investments in Northern Ireland, create over 1,000 jobs, including around 350 directly with our company in roles like mining operations, engineering, environmental management, technology, and community engagement. It would generate a c.£1 billion local supply chain with 650 additional jobs supported through the wider economy. So far, we've worked with over 540 suppliers across Northern Ireland. We're committed to offering well-paid jobs with good career prospects, encouraging skills development, and fostering an inclusive, supportive workplace.

Across the globe, there's growing recognition of how critical minerals are to building a more sustainable and technologically advanced future. From electric vehicles to renewable

energy systems, to smartphones and medic equipment, minerals are essential. Northern Ireland has the potential to contribute to th global shift-by developing its own resource responsibly, safely, and in a way that deliver real and lasting benefits to the people who live here.

Over the life of the mine, we aim to produce 15,000 tonnes of copper, 3.5 million ounces of gold, and 1.7 million ounces of silvermaterials that are essential for industries lik renewable energy and green technology. The Curraghinalt deposit also contains othe critical minerals such as tellurium, antimony bismuth, molybdenum, and cobalt.

Whilst it is disappointing that the planning process has become so protracted, our team on the ground hasn't stood still. We've maintained an excellent health and safety record, reaching four years with no lost time incidents, and stepped up our efforts on carbon reduction. We've been actively exploring ways to reduce emissions across every part of our operations-from energy efficiency to low-carbon technologies. Our tree nursery is progressing and will provide proportion of the total saplings required to fulfil the tree planting plan at the future mine site. We have also transitioned our fleet of diesel fuelled jeeps to run on HVO, reducing our current emissions and assisting us in researching fuel alternatives for the operating mine

Dalradian Project

1,000 Jobs, including 350 direct jobs with above-average salaries and extensive training

8x times NI average

Located in Co. Tyrone, outside of the area surrounding Belfast that receives the majority of investment

Aiming to be Europe's first carbon neutral mine/ deposit contains critical minerals essential for energy transition

cal	Personally, this year also marks 10 years at
۱	Dalradian. Throughout that time, I've worked
nis	alongside a dedicated team to advance
es	our vision for a modern, underground mining
ers	project grounded in innovation, sustainability,
)	and community engagement. From early
	exploration to detailed planning and
e	environmental stewardship, every milestone
	has been driven by our shared commitment to
	doing things the right way. It's been rewarding
e	to witness the progress we ve made-not
	only in terms of technical achievements, but
er	preparing to deliver long-term benefits for the
Ι,	region
	Looking ahead, we're hopeful. The
	Curraghinalt project has the potential to be
е	truly transformative-bringing skilled jobs,
	investment, and a boost to the local economy
	In Tyrone and across Northern Ireland. It's a
	chance to show now responsible development
	things that matter most
	things that matter most.
a	

Department for Economy Key Goals for Northern Ireland	
Good Jobs	
Productivity	
Regional Balance	
Reduce Carbon Emissions	

Mineral Copper

Life of Mine Production 15,000 tonnes





Potential use

62.5Kg of copper used in the average EV

From our deposit

Produce enough copper to make 240,000 EV's

On-Shore Wind Turbine



Potential use

4.7 tons of copper is required for a wind turbine 150m in height. Used in photovoltaic (PV) modules, transformers, inverters, cables and connectors.

From our deposit

Produce enough copper to make over 3,500 wind turbines



Copper wiring / Heating / Electrical Goods

Potential use

Average home has approx 200kg -768,810 homes in Northern Ireland

From our deposit

Produce enough copper for 9.8% of homes in Northern Ireland Mineral **Silver**

Life of Mine Production **1.7 million ounces**



Solar Panels -Photovoltaics PV's



Potential use

198 million ounces used in 2024

From our deposit

Produce enough silver to meet 0.04% of yearly demand

Hybrid Vehicle



Potential use

34g per hybrid vehicle

From our deposit

Produce enough silver to make 101% of Hybrid vehicles on UK Roads



Potential use

0.34g per average mobile phone

From our deposit

Produce enough silver to make 2.2% of the world's smart phones Mineral Gold

Life of Mine Production **3.5 million ounces**



Electronics -Laptops/TV's/ Dishwasher



Potential use

271 tonnes used in 2024

From our deposit

Produce enough gold to meet 1.8% of world's annual demand

Dentistry



Potential use

8.9 tonnes used in 2024

From our deposit

Produce enough gold to meet 56% of world's annual demand

Mobile phone

Potential use

0.034g per average mobile phone

From our deposit

Produce enough gold to make 46% of the world's smart phones

Critical Minerals in the Curraghinalt Deposit



Research by the UK and Northern Ireland governments has highlighted Northern Ireland's potential to be one of the best sources of critical minerals in the UK. "UK Critical Minerals" are raw materials essential for economic and technological development and are at risk of supply disruptions. In 2024, the UK Critical Minerals Intelligence Centre identified 34 critical minerals that are vital for the energy transition, national security, and supporting industry.

Our research has revealed that the Curraghinalt deposit contains small quantities of the UK critical minerals tellurium, antimony, bismuth, molybdenum, and cobalt.

Critical minerals that occur in trace amounts are usually produced as a by-product of other mining activities. There are no dedicated tellurium or antimony mines anywhere in the world, for example. These and other critical minerals can be isolated while processing ore for primary minerals like gold, silver, and copper.

On the opposite page is more detail on the uses of tellurium and its contribution to the UK economy. No tellurium is produced in the UK currently and the main producer globally is China.

Our Curraghinalt deposit contains sufficient tellurium to meet the UK's needs for the next 20 years for industries totaling over £14 billion annually in value to the UK economy.

Source: BGS (UK Criticality Assessment of Technology Critical Minerals & Metals 2021)

Share of Industrial Application for Tellurium



Manufacture of semiconductors, i.e., thermo-electric devices

Chemical Manufacturing 10%



Tellurium is used in the manufacture of catalysts, which are used to increase the rate of chemical reactions or enable them to take place under different conditions than otherwise possible Solar power

Metallurgy

Manufacture of electronic components for solar power, including photo voltaic cells and semiconductors

A small amount of tellurium added to iron and steel improves ductility



Chemical process to improve the physical properties of natural or synthetic rubber

REC

DAHY

On

27 8. 23. 17.

People

Dalradian's project will create long-term employment opportunities within our local community for decades to come, if planning approval is granted. Our goal is to ensure that the proposed underground copper-goldsilver mine delivers the maximum benefits to the areacreating jobs, boosting business for local suppliers, and supporting community initiatives. This is the lasting impact of modern mining.

Tyrone is known for its strong community spirit, where neighbours readily support each other. In 2015, we created the Dalradian Community Fund to formalise our commitment to the local area. Since then, we've provided over £1.2 million in funding to more than 650 community groups. This support has benefitted a wide range of local organisations, including arts groups, environmental initiatives, healthcare providers, schools, sports teams, and social clubs. Looking ahead, we are committed to continuing this support with a minimum of £4 million allocated to community projects throughout the life of the mine, contingent on a successful planning outcome. A modern mine can bring lasting prosperity to the region where it operates, and we are dedicated to ensuring that the benefits of our project are felt throughout the community.





COMMENTS

£1.2m in funding provided to more than 650 community groups (2011–2024)



32 college students supported to date through bursaries at South West College



c.1,800 people to date have taken Tunnel Tours



DALRADIAN

915 landowners have given us permission

to sample or access their property for exploration or environmental monitoring



4,300+ people have enquired about jobs at the mine



35 paid internships to date

Partnering with the Community

As the project progresses, the company remains committed to fostering a positive and mutually beneficial relationship with the local community.

By focusing on collaboration, environmental stewardship, and economic growth, Dalradian aims to create long-lasting benefits that extend beyond mining operations. Dalradian is working to ensure that its presence helps shape a brighter future for residents and businesses.

To date, we've invested over £1.2 million in over 650 community initiatives. Arts groups, environmental groups, healthcare providers, schools, sports teams and social clubs are among the local associations that benefitted from funding. That's just the beginning. We have committed to further funding in the event of a successful planning outcome—a minimum of £4 million for community projects over the life of mine.

We have also worked with many business organisations and developed a supply chain of over 500 suppliers across the region in various sectors. Following a positive planning decision this would expand further and foster growth throughout our community.

3 GOOD HEALTH

8 DECENT WORK AND ECONOMIC GROWTH

11 SUSTAINABLE CITIES AND COMMUNITIES



29 staff employed at the end of 2024; total of 200+ to date



320 training hours in 2024; 17,700+ total during 2015–2024



£15 million initial training package over 3 years to maximise local employment



16

1,453 days LTI-free at the end of 2024 (LTI is Lost Time Incidents)



302 internal safety inspections



£45k average annual salary (66% above NI average)

Community perspectives on the pr<u>oject</u>

Reflections on the value of the project to the region taken from community statements of case in support of the project, submitted as part of the planning process. We consider this mining project to be a huge and unmissable opportunity for the whole area. Good, well-paid, regional, highly productive jobs are the life-blood of any community and rural areas like ours are in danger of decline and death without such economic drivers. Until now, our communities hang on by means of marginal agriculture and long-distance commuting. But survival is not enough, we want to thrive and develop.

Gerry Kelly, Chair, Silent Majority Group

Working for, contracting into and supplying Dalradian has been a great move for me and many other locals. A company like Dalradian on our doorstep can only have a beneficial impact on incomes throughout our community. For myself, I see steady employment in the locality with the potential for more training and personal development as a chance to build my own house here in the glen for my young family.

Pearse Bradley, Geo-technician, Dalradian

The IMQS is an all-island organisation and fully support any extractives operation that operates in a compliant and sustainable manner. The mine in Tyrone has been through many phases of scrutiny and has complied with the planning requirements. The company has also invested in and engaged with the local economy. The IMQS believe that the potential economic benefits from the Dalradian project are substantial, creating long term direct and indirect permanent jobs. The project will also provide opportunities for local businesses, including local suppliers and the wider economy.

Alan Dolan, President, IMQS

A passionate angler and GAA enthusiast, I have been witness to the social value that an industry like this brings to their own community. So many keen anglers worked for Tara over the years that the Company formed the Tara Mines Angling Association, and annually sponsored all of our local angling competitions. It is a testament to the mines' environmental responsibility, that a broad range of freshwater fish maintain sustained populations in the Boyne, downstream of the mine discharge.

Joe Rice, Retired Employee, Tara Mine

200

We believe the Dalradian Project supports a multitude of current and future economic objectives of regional, national and international governments in creating good, regionally dispersed, productive and decarbonised jobs and industries. Raw materials for the manufacturing sector, from heavy manufacturing to tech, come from the ground and the increased recognition of critical minerals, including as a national and global security of supply issue, make this project a flagship opportunity for Northern Ireland with global significance.

Stephen Kelly, CEO, Manufacturing NI



Building Sustainable Communities and Modern Mining Practices

Although modern mining may seem like a new industry for Co. Tyrone, the county has a distinguished background in quarrying and small-scale mining. Indeed, many of the county's major employers, including Terex, Sandvik and CDE Global provide machinery and equipment for mining and quarrying around the world.

Modern mines can be found throughout Europe – including close to home in both Ireland and Britain. Modern mining uses the most up-to-date technology that allows virtually every aspect of operations to be digitised, controlled, or monitored remotely.

Technology has also made modern mining a more environmentally responsible sector. 3D models, for instance, can now accurately locate the best veins and help minimise waste. As with most industries, mining is also much more regulated than in the past and there are strict standards required for both Health & Safety and the environment. As well as being environmentally responsible, 21st Century mining also brings opportunities to build sustainable communities. Through local partnerships, mining can invest in the physical fabric of our villages and towns – enhancing the sporting, cultural and educational bonds that bring a community together and providing jobs for young people who may otherwise move away.

Tara Mine is an example of a mine that has co-existed well alongside the community for decades. The mine lies on the edge of Navan, the county town of Meath, where it operated safely and successfully since opening in 1977.

The mine announced a temporary shutdown in July 2023 due to low zinc costs coupled with high energy costs, with around 600 workers temporarily laid off. In May 2024, the mine came to an agreement with workers to reopen the mine. There was call across the community and political spectrum supporting the reopening.

Minister for Enterprise, Trade and Employment Peter Burke welcomed the announcement that an agreement had been reached. He said: "The closure of the mine since July last year has had a significant impact on workers and their families, and on the wider community in the region. "I want to commend all parties for the efforts that they have made to ensure a positive outcome in difficult circumstances...Tara Mines is a major employer operating in an important sector and the Government is committed to exploring the possibility of strategic supports to incentivise longer term investment by Boliden in Tara Mines."

Commenting on announcement of the temporary closure of the mine, Sinn Féin President Mary Lou McDonald, stated: "The impact on the wider community and local economy in Navan will be considerable. Everything that can be done, must be done, to save these jobs and protect workers at Tara Mines."

Michael Hughes, President of County Meath Chamber said: "This is wonderful news for employees and the wider community in Meath. Well done and thank you to all involved in reaching agreement to reopen Tara Mines. "There's a real sense of anticipation, enthusiasm and hope amongst retailers and shoppers in Navan today - Tara Mines has always been a pillar of support for Navan town and the wider region."



Tara mine lies on the edge of Navan, the country town of Meath, where it has operated safely since 1977.





Tara Mine has co-existed with the communi in the Boyne Valley for over 40 years demonstrating that mining can provide direct economic benefits while operating w alongside residents and activities such as tourism, angling and farming, which rely upo a pristine environment.

Just a little further south in Tipperary, Lisheen Mine demonstrates that the positive legacy of mining can last after operations finish. Lisheen is located just 3.5 hours' drive away from Omagh in a rural part of Co. Tipperary renowned for its horse racing and dairy farming, including the award winning Cooleeney cheese. The zinc and lead mine, near the villages of Moyne and Templetuoh closed in 2015 after 17 years of operation. During that time, the mine provided jobs for 400 people.

With the mine now closed and rehabilitation of the site completed, part of the former min site has been returned to its pre-mining use as grazing for cattle and sheep. Environmer monitoring at the Lisheen site is ongoing to ensure continued compliance with statutory regulations. However, the mine's owners and local community have also worked closely together to find other innovative uses for former mining-related infrastructure on the site which the community wanted to keep. These include the National Bio-economy Research Centre which is housed in a former mine building and provides new employment.

ity	The local area also continues to benefit from enhanced community, sporting and educational facilities thanks to funding
ell	received from the mine when it was operational. This includes the refurbishment
on e	of the community hall in Moyne and the construction of a new hall at Templetuohy, both supported by the mine during its operation.
2	Sports in the area also benefitted with the mine helping to fund a new outdoor all- weather floodlit athletics track, helping
k	the club attract athletes from across the country to their facility. By working closely with the mine operator, the local community
, IY,	in Tipperary has maximised the benefits of mining for the local area.
r	Both Tara and Lisheen Mines provide exceller examples on the island of Ireland where
n	modern mines and the communities around
ne	them have co-existed and grown as a result.
9	Tourism, agriculture, the environment, and the
ntal	wider community have been able to live in
1	harmony with the mine, while the economic
У	opportunity has allowed other businesses and
С	services to grow.

Employee Wellbeing

Dalradian's Safety Success: Four Years Without Lost-Time Incidents

A robust health and safety culture isn't just a legal requirement or a box to tick; it's a fundamental commitment to the well-being of everyone within our organisation. We believe that no task, however important or pressing, should be carried out in an unsafe way. Every member of our team plays a crucial role in maintaining a safe workplace, and we take pride in ensuring that everyone goes home healthy at the end of each day.

We are excited to announce that Dalradian has reached a milestone: four years with no lost-time incidents. This achievement is a direct result of the hard work, dedication, and focus on safety demonstrated by every member of our team. Health and safety are at the core of everything we do, and this milestone underscores our unwavering

commitment to creating a secure and healthy work environment.

Our strong safety culture is built on training, communication, and continuous improvement, and it's thanks to this collective effort that we've been able to achieve this remarkable record. We have commitment from our leadership team, resources are allocated, and safety practices are integrated into every aspect of the company. We also have employee buy-in and engagement so that individual team members are actively involved in identifying risks, suggesting improvements and adhering to safety protocols. Some of our safety measures, for example, mandatory reverse parking at all our sites, have become second nature and are making our lives away from work safer as well.

We're incredibly proud of this achievement, and it motivates us to continue striving for excellence, ensuring that safety remains at the heart of our work for years to come.



Working Towards Achieving Investors in People Gold Standard at Dalradian

We first obtained the standard Investors in People (IIP) award in 2019 and achieved Investors in People Gold accreditation in 2022, with our recertification due in 2025. We have a strong team and as we continue to grow and evolve, we remain focused on building a workplace culture that supports the development, well-being, and success of every individual.

Investors in People (IIP) is a global framework that sets the standard for people management. It focuses on how organizations invest in and develop their people to achieve the highest performance. The IIP Gold standard is awarded to organizations that consistently demonstrate excellence in leadership, employee development, and workplace culture. Achieving and maintaining this standard affirms our dedication to creating a world-class workplace and enhances our ability to attract, retain, and inspire top talent.

This process challenges us to look at the ways we engage with our team and empowers us to make meaningful improvements in key areas such as:

- Leadership Development: Ensuring our leaders are equipped with the skills and mindset to inspire, guide, and support our people.
- Employee Well-Being: Providing a safe, supportive environment where every individual feels valued and empowered to thrive.
- Continuous Learning: Offering opportunities for personal and professional growth to enable our people to reach their fullest potential.
- Performance and Recognition: Building a culture of recognition, where contributions are celebrated, and hard work is rewarded.



Investors in People Gold Accreditation received in 2022

Achieving the IIP Gold standard requires continuous effort, and we're proud of the progress we've made so far. Over the years, Dalradian has invested significantly in employee development and leadership training, and we have created a workplace environment where open communication, mutual respect, and safety are paramount.

Our commitment to fostering a culture of learning, collaboration, and innovation has already led to notable improvements in employee satisfaction and productivity.

INVESTORS IN PEOPLE We invest in people Gold





A Hands-On Geology Experience: King's School Canterbury Visits Dalradian

Site visits and tunnel tours have played a pivotal role in fostering community engagement and providing a hands-on experience that informs the public about our project and plans to build a world class mine. To date, approximately 1,800 people have visited our site. More recently, for the second year running, we facilitated a visit from students from The King's School Canterbury – the oldest continuously run school in the world, founded in 597 AD. The students gained first-hand experience of exploration and mining processes. The visit provided a unique opportunity to explore the geological formations that make Tyrone one of the most prospective areas for mineral deposits on the island of Ireland, gold, silver, copper and critical minerals. Our team offered the students an in-depth look at the techniques and technologies used to identify and extract minerals from the Earth. As they toured our core shed facilities, the students were introduced to the geological processes that formed and enriched the mineral veins and the complex systems in place to ensure that mining operations are both efficient and environmentally responsible.

The students were given the opportunity to examine rock samples and learn about the drilling techniques used to locate deposits. Their knowledge was tested and developed by taking part in a core logging exercise. They also gained insights into the efforts being made to minimise environmental impacts and ensure the sustainability of the operations.





Celebrating a Decade of Dedication: Dalradian Honors 11 Staff Members for 10 Years of Service



This year, we're thrilled to celebrate an incredible milestone for eleven of our valued team members, each of whom has reached their 10th anniversary with the company. Most of our staff have now achieved 10 years or more with Dalradian, supporting the advancement of our project. This milestone is not just a testament to their loyalty but also to the shared values and strong culture we've cultivated as a company.

Their journey with us has spanned a transformative period for the company, one filled with challenges, opportunities, and achievements. Over the past decade, these eleven individuals have played pivotal roles in shaping Dalradian's progress, growth, and reputation.



Throughout their time with the company our team's development has been supported through training, wellbeing programmes and opportunities for promotion. To mark the occasion and to show appreciation for their dedication and work, our colleagues were presented with a gift.

Keeping our community informed

We use a range of communications tools to help our local community understand our project. These include:





Presentations

Videos and animations

Responsible Business Report







Environment

We aim to build and operate one of the world's best modern underground mines right here in Tyrone. We will use best practices and the latest technology to achieve a highly productive mine while minimizing the impact on the environment.

We're not waiting until sometime in the future to implement careful environmental management. There are many examples from recent years. During exploration, we use bog mats on drill rig sites, which leave the sites almost indistinguishable from the surrounding fields. At the end of our test mining, we restored our waste rock store so well that it blends in with the surrounding fields and has withstood some serious flooding events. As part of our Carbon Neutral Plus programme, we have supported planting of a total of more than 1,800 native species trees in Northern Ireland and GB over the past six years. Our tree nursery has already collected over 30,000 seeds/cuttings and grown over 2,500 plants of the 30,000+ in our proposed plan to rehabilitate the mine site, since planting will begin early in operations.



Two year old Oak seedlings at our native tree nursery



0 environmental non compliance in 2024



100% of solid waste recycled or reused in 2024



30km river network subject to environmental testing as part of our baseline work



100 environmental monitoring points (water, air quality, radon)



15 external agency environmental inspections in 2024



4 dedicated environmental staff

Our mine design is at the forefront of modern mines, with a commitment to carbon neutrality, a water treatment plant that can treat to better than drinking water quality, and utilisation of Best Available Technologies with respect to waste management. All of the test work supporting this approach is included in our planning application. Much of the waste rock and tailings generated will be placed underground and encapsulated in cement. The remainder will be placed on surface in a engineered dry stack facility. The potential ecological impacts of the mine have been rigorously assessed using best practice guidelines and mitigation measures have been adopted to eliminate or reduce any potential ecological impacts to negligible levels.

Dalradian has committed to ensuring that the proposed mine delivers Biodiversity Net Gain and improves the quality of water in the local area.



The discharge from Dalradian's proposed state-of-the-art water treatment plant wi better than drinking water standards

100 tonnes of carbon emissions were offset in 2024 through a high quality international offsetting project, resulting in carbon-neutral certification. In addition, Dalradian supported the planting of 100 trees in Northern Ireland to achieve Carbon Neutral Plus status.



100% of our grid electricity was from renewable sources



4 quarterly discharge consent reports to regulators in 2024



365 internal environmental inspections in 2024









Carbon Neutral Plus Certification

2024 was our sixth year of being certified as Carbon Neutral Plus, which entails:

- (i) developing and carrying out a carbon management plan to proactively reduce carbon emissions as much as possible; gathering all the information relating to energy consumption and submitting this data to be assessed using WRI/ WBCSD Greenhouse Gas (GHG) Protocol and ISO14064-1 (under PAS 2060) to identify emission sources and opportunities for savings in the future.
- (ii) offsetting the emissions through an internationally certified offsetting project to achieve neutrality; and
- (iii) supporting tree planting in Northern Ireland and GB to achieve the "Plus" designation. To date, over 1,800 trees have been planted through our support.

We endeavor to find additional ways of reducing our carbon footprint at every turn, through all activity at all our sites. Since our baseline year of 2019, we have decreased carbon emissions by 84%. To achieve this substantial decrease, we made a range of changes to the way we operate. For example, we upgraded our office heating and lighting systems, switched to renewable electricity, purchased an electric vehicle, and reduced generator use at our exploration site.

Emissions were reduced by 36% compared to 2023. Increased emissions due to greater business travel post-Covid-19 was balanced by larger emissions savings elsewhere, including lower diesel use due to transitioning the water treatment plant to renewable electricity, increased use of the company EV and switching to Hydrogenated Vegetable Oil (HVO) in company jeeps. Consolidating our workforce into the Omagh office reduced emissions from heating.



This off-setting project was chosen to offset Dalradian's remaining carbon emissions for 2024. It supports the provision of safe water using borehole technology to hundreds of households within the Zoba Debub district of Eritrea and contributes to the sustainable development of the area.

The project helps reduce greenhouse gas emissions in a number of ways. It reduces the need for households to collect firewood for the purposes of water purification. The project also contributes to the preservation of existing forest stock, and the protection of natural forest ecosystems and wildlife habitats. It also helps reduce the incidence of illness and disease caused by drinking dirty water.

The project works by repairing and rehabilitating boreholes that have fallen into disrepair. The boreholes are fitted with hand pumps, which are commonly used in the area. The project also includes a maintenance program to ensure that the boreholes remain operational.

The project is expected to reduce greenhouse gas emissions by 10,000 tCO2e per year. The project is also expected to improve the health and well-being of the local community by providing access to safe water.









Climate Change

Dalradian is actively managing climate change by minimizing the impacts of our existing and future operations on climate as well as managing the risks that climate change could bring, both in our existing operations as well as the proposed mine.

Over the past six years, we have minimised the impact of our operations by reducing overall carbon emissions by 84%.

In our existing operations, the primary focus for climate change management is the exploration site. Within that site, the waste rock store and the water treatment plant were engineered and are maintained with climate change in mind. For example, the water treatment plant is designed to handle a 1 in 100 year flood event. As a result, the site withstood the local flooding events of 2017 that caused substantial damage to roads, bridges, homes and businesses in the North West.

The future mine has been designed using the best available technology to manage climate related risks, including:

- Mining is underground which means less disturbance to the landscape and fewer direct emissions to the atmosphere.
- The tailings method is dry stack, which is acknowledged by the EU as a Best Available Technique. It is a more secure method than tailings dams and can be progressively rehabilitated during operations.

• Ponds are designed to withstand a 1 in 1,000 year storm event and are developed through 100% excavation into existing ground.

• We introduced a belt system as the primary method of transporting ore and waste rock to surface, reducing diesel consumption, and added underground oresorting equipment to improve efficiency. Smaller underground vehicles will be electric powered. For the larger machines, we are looking at developing technology and will incorporate it as it becomes proven.

Where relevant, our Environmental Statement for the mine's planning application has considered climate change, for example, in the surface water and groundwater impact assessments and modelling, which were independently reviewed by a mine waste consultant appointed by the Department for Infrastructure. Development of the site also makes flooding in the catchment less likely, due to on-site storage capacity, while at the same time protecting current low flow minimums by controlling discharge. Water for operations will be sourced on-site, recycled extensively to minimise water use and treated prior to release.

Dalradian has achieved Carbon Neutral Plus status for each year between 2019 and 2024. Going forward, we will continue working to minimise our own emissions each year and engaging with our suppliers to encourage proactive climate and emissions management throughout our supply chain.



In Northern Ireland, peat is an important store of carbon and assists in managing water flow during heavy rainfalls, as well as maintaining good water quality. Northern Ireland has 24.6% peat coverage and 86% of peatlands are in a degraded state due to drainage, overgrazing, afforestation, burning and extraction. (Source: NI Assembly Research Briefing Paper NIAR 117-2021). Peat that is degraded releases its carbon into the atmosphere, accelerating climate change. Thus, peat rehabilitation is a key action to lower emissions and fight climate change. Peat loss will be minimised in construction of the project and unavoidable peat loss will be offset by peat restoration in the local area. Details on peat management are contained in the 2017 Ecological Mitigation and Management Plan submitted with the planning application and updated in 2019.

Climate change is increasingly being addressed by the management team in budgeting, risk assessments and forward planning. Even though we are pre-operational and have a small staff, we have one staff member dedicated to sustainability and a team of staff that meets monthly to move forward sustainability projects. We are continuing to research opportunities for use of renewable energy sources and keeping informed about new technologies to upgrade our fleet.

Driving Sustainability

Our latest initiative in reducing carbon emissions is transitioning our fleet of dieselfuelled jeeps to run on Hydrotreated Vegetable Oil (HVO). HVO is a renewable diesel alternative made from sustainably sourced vegetable oils and animal fats. Unlike traditional biodiesel, HVO is refined through a hydrogenation process, making it chemically almost identical to fossil diesel but more beneficial to the environment.

Switching to HVO offers several environmental and operational benefits, including:

- Lower Carbon Emissions: HVO reduces lifecycle greenhouse gas emissions by up to 90% compared to traditional diesel.
- Improved Air Quality: Its clean-burning properties lead to significantly lower emissions of particulate matter and nitrogen oxides (NOx).
- · Compatibility: HVO can be used in our existing diesel engines without modifications, enabling a seamless transition for our fleet.

The move to HVO was a collaborative process. Our team worked closely with suppliers and sustainability experts to ensure a smooth conversion. After extensive testing to confirm that HVO met the demands of our vehicles and operations, we successfully rolled out this change across the fleet in late 2024.



Improving Water Quality

Dalradian has proposed a sustainable approach to water management that meets stringent environmental and regulatory standards and, together with a water quality Betterment Plan, will improve the quality of water in the local area.

The underground gold-copper-silver mine will prioritise water recycling (c.80% within the processing plant) and minimise the use of fresh One of the ponds will collect rainwater, some water. All water which comes into contact with operations will be captured, treated and monitored to meet independent, strict criteria set by the Northern Ireland Environment Agency.

Two major pieces of infrastructure will be built to achieve this. First, a state-of-the art water treatment plant that treats and discharges water to a high standard which is protective of aquatic life, and secondly, four ponds to capture rainfall and water from the site / operations.

The water treatment plant will use ultrafiltration and reverse osmosis water purification technology (including a semipermeable membrane that removes ions, molecules and large particles). Apart from iron and manganese which occur naturally at elevated levels in local waterways, the water discharged will be cleaner than drinking water.



of which will be used in operations. The other three ponds will capture water that comes into contact with mining operations, including water from the underground mine and DSF. The ponds will be excavated fully into the ground. They are not 'dams' and will not use water retaining embankments or dam walls. The 'mine contact' ponds are designed to contain a 1-in-a-1000-year, 24-hour storm event without overtopping. All water in these ponds which isn't reused in operations will be treated at the water treatment plant before being discharged.

Based upon extensive modelling and independent testing of over 1,000 samples, the proposed mine is designed to operate in tandem with the local environment. Water management is integral to that approach.

Dalradian has proposed a Betterment Plan for its land holdings which, together with a very high standard of water treatment, will result in improving water quality in the rivers neighbouring the proposed mine site. The Betterment Plan includes measures such as tree planting, habitat enhancements and ceasing some agricultural practices.

Planting the seeds of future sustainability

As part of Dalradian's planning application, a Tree Planting and Maintenance Schedule was submitted, giving details of tree planting at the proposed future mine site postconstruction and throughout the life of the mine. Fourteen native tree species will be planted in various locations [insert list of 14].

In preparation for future tree planting, a small-scale trial of a native tree nursery has been underway since November 2021 and upscaled in October 2023 to provide at least a proportion of the total saplings required to fulfil the planting plan. A nursery team was established to carry out research on best practices, plan, collect, plant, monitor, record and measure the success of the seeds/ cuttings sourced locally.

So far, the team, with lots of help from other staff, have collected seeds or cuttings for 12 of the 14 species needed for the planting schedule. The remaining two species will be addressed in 2025.

During 2024, nearly 34,000 seeds and 1,100 cuttings and seedlings were collected. Over the winter months of late 2024/early 2025 the

seeds underwent pre-treatment (consisting of keeping the seeds in cold and then warm conditions) to break dormancy. They are being planted in the spring of 2025 as the first signs of germination appear. In early 2025, a total of 2,500 seedlings/saplings were growing.

This project has been a massive undertaking for our small nursery team and has required great patience and perseverance. The results of their work are typically not seen for months, even as long as a year and there have been failures as well as successes. Our oak seedlings stand out as the biggest success, with over 2,200 sturdy seedlings continuing to grow and need transplanting to bigger and bigger pots.

The project will continue to expand to meet the needs of the planting schedule, contributing to Dalradian's sustainability objectives by replicating trees of local provenance, addressing climate change and enhancing local biodiversity.





Our Business

Dalradian has been working in West Tyrone since late 2009 and holds exploration licences from the Department for the Economy. Our team explores for a range of base and precious metals as well as rare earth elements and other critical minerals.

The company is supported by one of the largest-ever US investments in Northern Ireland to advance its project that will produce substantial quantities of gold, silver and copper, and also contains lesser quantities of critical minerals such as tellurium, bismuth, antimony, molybdenum and cobalt. We have invested more than £155m to define the deposit, and develop environmental, engineering and economic feasibility studies. At this pre-operational stage, we have a core team of 29 people at our Omagh Office in Co. Tyrone.

In 2017, the company submitted a planning application to develop a long-term, underground mine at Curraghinalt - the planning process is nearing completion, with the public inquiry process underway.



We have over 190km of exploration drill core that our geological team have tested for a broad range of minerals.

13 CLIMATE

£4m minimum committed to future community projects



1,000 total jobs to be created including direct, indirect and induced, across a range of skill sets



£7 billion in value will be added (GVA) to economy



£2 billion in tax revenues over life of project



£1 billion planned expenditure on supply chain aligned to Tyrone's worldrenowned mining and quarrying equipment manufacturing sector



100% of water for mine operations will be sourced onsite, recycled and treated to agreed environmental quality standards before release Advancing the proposed mine to operation will add over £5 billion of value into Northern Ireland's economy, create 1,000 jobs and support a local supply chain of £1 billion. This project will be economically transformative for this rural area and, based on the experience from other mines in developed countries, Dalradian is aiming for a 90% local employment rate during operations, following completion of the initial 3-year, £15 million training programme. The project will draw on Tyrone's world's leading expertise in the production of mineral extraction equipment. The area's strong expertise in construction and farming will provide many of the skills needed for working in a modern mine.

Dalradian has designed a project in keeping with the character of the local landscape and in line with strict regulatory standards. Rehabilitation will commence during operations and the site will be revegetated with some of the site returned to farming, if appropriate, upon closure. Dalradian has achieved the status of Carbon Neutral Plus for 2024, the sixth year running. In 2019, the company committed to building and operating the first carbon neutral mine in Europe. Doré bars of Tyrone gold and silver from our test mining phase in 2016.



More than **4,500+** letters of support for the project



£15 million initial training package over 3 years to maximise local employment



£45k average annual salary (66% above NI average)



0 certified carbon neutral for 2024



20-plus years: anticipated life of mine. Resource is still "open" in all directions



3.5m ounces: gold to be extracted



1.7m ounces: silver to be extracted



15,000 tonnes: copper to be extracted

Planning Update - final stage in planning process underway

In September 2021, Northern Ireland's Department for Infrastructure (Dfl) referred our application to develop an underground gold-silver-copper mine to the Planning Appeals Commission/Water Appeals Commission (PACWAC) for an independent public local inquiry. The Department for Agriculture, Environment and Rural Affairs (DAERA) also requested the PACWAC to include the related water consents in the same (conjoined) inquiry. In total, a package of 8 applications are in front of the PACWAC covering all aspects of the mine.

The process began with a public pre-inquiry meeting in March 2024 to establish the schedule for the proceedings and to outline procedures for all participants with the inquiry due to commence in September 2024. However, due to an administrative error by DAERA, the inquiry had to be suspended while the abstraction consent applications were readvertised. Following the completion of this process, the inquiry was set to commence in January 2025. Accordinaly, Statements of Case were submitted by interested third parties in October 2024, followed by Rebuttals in November 2024.

The inquiry hearing commenced in January 2025 but was adjourned after only three days due to an administrative error by Dfl on transboundary consultation. This process also had to be readvertised, with a consultation closing date of April 2025. Dfl have written to the PACWAC to advise them that they intend to submit the consultation materials to the PACWAC by 20th June. It will then be for the PACWAC to resume the inquiry process up to and including new hearing dates.

The public inquiry is one of the final steps in the planning process. Following its conclusion, the PACWAC will prepare a report with its recommendation on whether to grant permission for the Project. This report will help inform the final decision on whether the project goes ahead. It is expected that the final decision will be taken by the Executive due to the scale and economic importance of the project.

Since the planning process began, in December 2015, Dalradian has held over 100 meetings with regulators and statutory consultees and hosted multiple public consultation events to ensure the Project meets the highest standards and addresses the perspectives of all stakeholders.

We were profoundly disappointed at this most recent delay to the planning process for one of the largestever US investments in Northern Ireland. We now look forward to a timely resumption and conclusion of the process.



Precious metals are indispensable for modern life and demand for them has grown with their application in emerging renewable energy technologies to tackle climate change. To extract these metals responsibly we have designed a best practice modern mine.





Dry Stack Facility after 20 years of operation.



Shaping a Future with Good Jobs and Economic Growth

Creating High-Quality Employment

A number of major economic changes, including the doubling of key commodity prices and an increase in UK Corporation Tax have occurred since we first submitted our planning application for an underground multi-metal mine in November 2017.

As a result of these changes, the economics of the project show an even greater transformative impact: reducing Northern Ireland's trade deficit by 22%, contributing over £7 billion in Gross Value Added (GVA) to the region's economy, and generating approximately £2 billion in tax revenue and payments to the Treasury over its lifespan.

The project will create and support 1,000 jobs, driving economic growth and opportunity for the local area. Among these, 350 direct roles will offer an average salary of £45,000–66% higher than Northern Ireland's average of £27,100 (Annual Survey of Hours and Earnings, 2023).

To maximize local employment, a £15 million, three-year skills training programme will be implemented throughout the construction phase and into the first year of operations. The programme is expected to result in a 90% local workforce upon completion, ensuring long-term benefits for the community and regional economy.

Additionally, the project's productivity per employee will be eight times higher than the current Northern Ireland average and double that of the most productive sector in the economy.



Opportunities for Local Suppliers

Our modern mining project will generate a £1 billion local supply chain (70% of the overall £1.4 billion supply chain). Local businesses will win the lion's share of the supply chain spending, providing products and services ranging from environmental to engineering and fabrication, health and safety equipment, haulage, equipment and vehicle hire, mechanics, fuel, catering, cleaning and printing, to name only a few.





Over the 20–25-year life of the project, more than £3.5 billion will be spent, in the project's local supply chain, salaries and taxes/payments to the Treasury.

Shown on this map are the 540+ businesses that Dalradian has already worked with across Northern Ireland during our exploration and planning phases.

A Transformative Investment in Northern Ireland

Not only will the project in Tyrone be one of the largest-ever American foreign direct investments in Northern Ireland, but the Curraghinalt mineral deposit will also produce 15,000 tonnes of copper, 3.5 million ounces of gold, and 1.7 million ounces of silver over the planned life of the mine. The deposit also contains smaller amounts of other materials listed on the UK and EU critical minerals lists, including antimony, bismuth, cobalt, and tellurium.

Aligned with the Northern Ireland Executive's ambition to build a globally competitive and sustainable economy, Dalradian's proposed environmentally responsible, modern mine presents a major opportunity for the region. The project supports the government's vision for a regionally balanced economy, enhanced productivity, high-quality job creation, and progress toward net zero targets.

Good Jobs

Over 350 direct jobs, an average salary of £45,000 and a 3 year £15 million training programme.

Raise Productivity

Mine productivity per employee will be eight times the NI average and twice that of the most productive sector.





Promote Regional Balance

Located west of the Bann.

Reduce Carbon Emissions

Carbon Neutral Plus accredited since 2019, with a commitment to maintain this through construction, operations, and closure.



Need for minerals

Many of the actions required to meet global net-zero targets by mid-century-whether it's reducing fossil fuel use, expanding renewable energy infrastructure, or transitioning to renewably powered vehicles-will place immense demand on mineral raw materials. Achieving climate change targets will simply not be possible without the global mining sector and the essential minerals it provides. For the world to successfully transition to renewable energy and usher in a new Green Industrial Revolution, the supply of metals will need to increase substantially.

A recent study by the World Bank, titled Minerals for Climate Action, projects that demand for silver will rise by more than 300%, while copper demand will increase by 200% by 2050. To meet the Paris Agreement target of limiting global temperature rise to 1.5°C or lower, some experts suggest that the supply of many common metals must increase fivefold. This surge in demand will be particularly pronounced for metals critical to renewable technologies.



The Institute of Geologists of Ireland (IGI) emphasises the need for strategic thinking when it comes to sourcing our minerals: "Currently, Europe imports more than 75% of almost all metals, and up to 100% of some critical minerals. This dependency carries certain risks, such as rising prices, which could negatively impact the economy if a trade dispute or disruption occurs."

Relying on imports puts us in a vulnerable position. We have been complacent, and more should have been done about this issue sooner. How can we justify allowing mining to take place in far-off countries, many of which have subpar environmental standards and working conditions? Not to mention the carbon footprint associated with importing these raw materials.

US and Europe taking action on critical minerals

The European Union's launch of the Critical Raw Materials Act (CRMA), which came into force in May 2024, marks a pivotal step in securing the EU's long-term economic stability, supply shortages. Prioritizing strategic projects technological progress, and energy transition. As global supply chains for critical raw materials-such as lithium, copper, and rare earth elements-become increasingly strained vehicles, renewable energy infrastructure, and due to geopolitical factors, environmental concerns, and rising demand, the CRMA seeks to reduce the EU's reliance on external suppliers and ensure a sustainable, resilient supply of these essential resources.

Under the Act, strategic projects are granted priority status, ensuring that permitting decisions are made within a 24-month timeframe. By streamlining regulatory procedures, the CRMA aims to reduce delays and accelerate the transition from project conception to operation. The 24-month permitting target is designed to address the urgent need for a more efficient system that supports the EU's critical raw material goals. With rising demand for materials essential

to the energy transition, digital economy, and green technologies, delays in project approvals could hinder progress and result in helps ensure that Europe can meet its raw material needs promptly, securing a stable supply of resources for renewably powered other key industries.

On 20 March 2025, an Executive Order of the US Government came into force, with a focus on strengthening the domestic minerals supply chain to support national security and technology development while reducing reliance on imports. It aims to accelerate public and private investment in mining projects, expedite permitting for priority projects on federal lands and expand the definition of critical minerals to include gold, copper, uranium and potash.



Dalradian's majority owner, US-based Orion Resource Partners, is a global alternative investment firm dedicated to metals and materials with assets under management of approximately \$8 billion. Orion has invested over \$400 million in Dalradian since 2018, one of the largest-ever US investments in Northern Ireland. Orion is a signatory to the UN's Principles for Responsible Investment.

Wheaton Precious Metals (NYSE:WPM) provided a funding package to Dalradian in 2023 to advance the Curraghinalt project. WPM holds industry-leading sustainability ratings, including Global Top 50 by Sustainalytics and an AAA rating by MSCI ESG Research. Its Sustainability Strategy aligns with the UN's Sustainable Development Goals, promoting responsible mining practices and investing in local communities with its partners.







Governance

A solid framework of systems and policies sets the foundation for operating responsibly. Each year, management update the company's policies and share them with staff and contractors for their review and consent. The current set of more than 30 policies provide guidance for our staff and contractors in people management, health and safety, environmental responsibility, communications and ethical business practices. They also describe Dalradian's approach to a family friendly workplace, flexible work, and protection of human rights.

Having these policies and systems in place also allow us to measure and improve performance. Major policies are listed below:

- Business Conduct and Ethics
- Health and Safety
- Environmental
- Carbon Management
- Anti-Corruption & Bribery
- Human Rights
- Equal Opportunities
- Employee Data Privacy
- Business Travel & Expenses
- Bullying and Harassment
- Family Friendly (Maternity, Paternity, Shared Parental Leave, Adoption)
- Drug and Alcohol
- Dignity at Work
- Flexible Working





Dalradian are members of the following associations:

























SASB Metals & Mining Standard

The table below cross-references our results to the Sustainability Accounting Standards Board (SASB) framework. The SASB Metals & Mining Standards identify the environmental, social and governance (ESG) issues most relevant to our industry.

Topic/Code	Requirements	2022	2023	2024	Notes
Greenhouse Gas I	Emissions				
EM-MM-110a.1	Gross global Scope 1 emissions, Scope 2 emissions, Scope 3 emissions; percentage covered under emissions-limiting regulations	116.4 tonnes 0 tonnes 51.2 tonnes	106.1 tonnes 0 tonnes 51.2 tonnes	30.0 tonnes 0 tonnes 67.3 tonnes	p. 41-42
EM-MM-110a.1	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	Partially reported		Partially reported on p. 42-49	
Air Quality					
EM-MM-120a.1	Air emissions of the following pollutants: (1) CO, (2) NOx (excluding N2O), (3) SOx, (4) particulate matter (PM10), (5) mercury (Hg), (6) lead (Pb), and (7) volatile organic compounds (VOCs)				Not reported
Energy Managem	ent				
EM-MM-130a.1	 Total energy consumed, percentage grid electricity, percentage renewable 	586,322 kWh 0% 100%	534,699 kWh 0% 100%	202,264kWh 100% 100%	The figures include all scope 1 and 2, plus business travel, waste employee-owned vehicle travel.
Water Manageme	ent				
EM-MM-140a.1	 Total fresh water withdrawn, total fresh water consumed, percentage of each in regions with High or Extremely High Baseline Water Stress 	0 cubic metres 0 cubic metres	0 cubic metres 0 cubic metres	0 cubic metres 0 cubic metres	
EM-MM-140a.2	Number of incidents of non-compliance associated with water quality permits, standards, and regulations	0	0	0	
Waste & Hazardou	us Materials Management				
EM-MM-150a.1	Total weight of tailings waste, percentage recycled	0 tonnes not applicable	0 tonnes not applicable	0 tonnes not applicable	
EM-MM-150a.2	Total weight of mineral processing waste, percentage recycled	0 tonnes 0%	0 tonnes 0%	0 tonnes 0%	
EM-MM-150a.3	Number of tailings impoundments, broken down by MSHA hazard potential	0	0	0	
Biodiversity Impac	ts				
EM-MM-160a.1	Description of environmental management policies and practices for active sites			p. 38-49	Ecological Impact Assessment included in planning application includes the mitigation actions that are required for the construction and operations phases

Topic/Code	Requirements	2022	2023	2024	Notes
Biodiversity Impacts					
EM-MM-160a.2	Percentage of mine sites where acid rock drainage is: (1) predicted to occur, (2) actively mitigated, and (3) under treatment or remediation	0% for all three	0% for all three	0% for all three	
EM-MM-160a.3	Percentage of (1) proved and (2) probable reserves in or near sites with protected conservation status or endangered species habitat	100% for both	100% for both	100% for both	
Security, Human F	Rights & Rights of Indigenous Peoples				
EM-MM-210a.1	Percentage of (1) proved and (2) probable reserves in or near areas of conflict	0% for both	0% for both	0% for both	
EM-MM-210a.2	Percentage of (1) proved and (2) probable reserves in or near indigenous land	0% for both	0% for both	0% for both	
EM-MM-210a.3	Discussion of engagement processes and due diligence practices with respect to human rights, indigenous rights, and operation in areas of conflict			Engagement processes on p. 20-25, 34-35, 37, 57; policies on p. 62	The engagement processes referred to relate to human rights as provisions relating to indigenous people and areas of conflict do not apply
Community Relat	ions				
EM-MM-210b.1	Discussion of process to manage risks and opportunities associated with community rights and interests			p. 8-11, 20- 23, 34-35, 37	
EM-MM-210b.2	Number and duration of non-technical delays	0 days	0 days	0 days	
Labour Relations					
EM-MM-310a.1	Percentage of active workforce covered under collective bargaining agreements, broken down by U.S. and foreign employees	0%	0%	0%	
EM-MM-310a.2	Number and duration of strikes and lockouts	0 days	0 days	0 days	
Workplace Health	n & Safety				
EM-MM-320a.1	 (1) MSHA all-incidence rate, (2) fatality rate, (3) near miss frequency rate (NMFR) and (4) average hours of health, safety, and emergency response training for (a) full-time employees and (b) contract employees 	0 0 9 hours 0 hours	0 0 29 hours 0 hours	0 0 11 hours 0 hours	
Business Ethics &					
EM-MM-510a.1	Description of the management system for prevention of corruption and bribery throughout the value chain				Have an anti bribery and corruption policy that is compliant with UK Bribery Act
EM-MM-510a.2	Production in countries that have the 20 lowest rankings in Transparency International's Corruption Perception Index	0 tonnes	0 tonnes	0 tonnes	
Production					
1. Metal 2. Finished metal products		0 tonnes 0 tonnes	0 tonnes 0 tonnes	0 tonnes 0 tonnes	
Workers					
Employees		31	30	29	
Contractors (percentage)		16.2%	16.7%	17.1%	

65



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